DEC STD 178-9 Shipping Container Marking Requirements for Goods in Process

DOCUMENT IDENTIFIER: A-DS-EL00178-09-0000 Rev B, 25-Aug-1992

ABSTRACT: This section of DEC STD 178 describes the requirements for preprinting and labeling of Digital's shipping containers for goods in process between facilities owned by Digital and between suppliers and Digital.

APPLICABILITY: The requirements of this standard are mandatory for those individuals and groups involved in the design and use of product packaging and shipping containers. This applies to manufactured as well as externally supplied products. Facilities that ship unfinished goods to other facilities are responsible for implementing these requirements.

STATUS: APPROVED 25-Aug-1992; use VTX SMC for current status.

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APPROVAL: This document has been reviewed and recommended for approval by the General Review group for its category.

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1 INTRODUCTION

1.1 PURPOSE

This standard provides the requirements for the uniform marking and labeling of all containers used for the packaging and shipping of unfinished goods (goods in process).

1.2 SCOPE

This standard describes the correct method of marking containers.

1.3 DEFINITION

Unfinished goods—These are goods in process that are not intended to be shipped to customers in their present condition and container.

NOTE

If the shipping container used to ship goods in process is also intended to be used as the finished goods shipping container, all conditions of *DEC STD 178-4 Shipping Container Marking Requirements for Finished Goods* should be met.

Split inspection—This is an inspection method used by Underwriter's Laboratories (UL) Follow-Up Services whereby two or more partial inspections are performed on a single product at different manufacturing locations. Distinctive markings are required on the product container to identify products subject to split inspection.

There are two frequent situations for split inspections. The most typical situation occurs when products are partially assembled at one location and the assembly is completed at a second location. In the first situation, the subassembly is inspected and identified at the first location, and those items that are added are subject to follow-up inspection at the second location. In this situation, the Listing Mark is applied at the final manufacturing location.

The second, less frequent, situation involves finished products composed of items manufactured at different locations. An example of this may be a video system. In this situation, an incomplete product, such as a video display unit, is permitted to be incomplete as long as the parts required to complete the product, such as a keyboard and power cord, are added at another location prior to delivery to a customer. Each subassembly is inspected at its respective manufacturing site. At the location where the parts are merged to form a complete product, it is verified that each subassembly was previously inspected.

Refer to *DEC STD 119-5 Process for Design, Evaluation, Testing, and Certification of Hardware Products to Product Safety Requirements* and *DEC STD 028-0 Phase Review Policy.*

2 GENERAL REQUIREMENTS

There are two acceptable methods of applying information to the exterior of cartons or containers: printing and labeling. Printing is the primary graphic application of numbers, letters, or symbols directly to the container. Labeling is the secondary application of information to a shipping container.

2.1 Split Inspection Symbol

When required, the symbol indicating a UL Split Inspection Process shall be preprinted in the upper left hand corner of the shipping container. The symbol should sit squarely in the corner.

This marking may be applied to cartons that contain standard or corporate graphics and that are later used for shipment to a customer.

A label may be used in place of preprinting to indicate a UL Split Inspection.

Refer to *A-PS-3629155-0-0 Label, UL Split Inspection,* part number 36-29155-01 for the UL Split Inspection symbol and label. This purchase specification contains the actual artwork and documentation so a supplier or Digital facility will be able to produce the label. The label is 12.7 mm (.50 in) square with a 10.9 mm (.43 in) high triangle.

Refer to Figure 1 for the proper location on container.

2.2 Bulk Shipment Label

The information contained in this subhead refers to shipments between Digital locations and shipments from external suppliers to Digital facilities.

Refer to *A-PS-3628402-0-0, Label, Vendor Shipping.* The label contains information that a supplier affixes to its bulk containers that are being shipped to Digital. This information includes the following.

- Product identification (by option) or Digital part number (2-5-2 characters)
- Revision of Digital part number
- Quantity of product identification (by option) or quantity of Digital part number
- Date code, sequence number, or lot code (10 characters)
- Country of origin. For requirements refer to *DEC STD 178-3 Digital Marking Requirements for Completed Products Intended to be Sold.*

All of the information, except for the country of origin, will appear as a bar code and will have human-readable characters (HRC) directly above each bar coded item.

Refer to *DEC STD 047-0 Bar Coding Symbology* and *DEC STD 047-1 Bar Code: Product ID Label Requirements.*

Refer to Figure 2 for proper location on container.

2.3 Product Identification Bar Code Label

When using the product identification bar code label, refer to DEC STD 047-1 for label content and format and DEC STD 178-4 for placement on the shipping container.

2.4 Shipping and Receiving Transaction Label

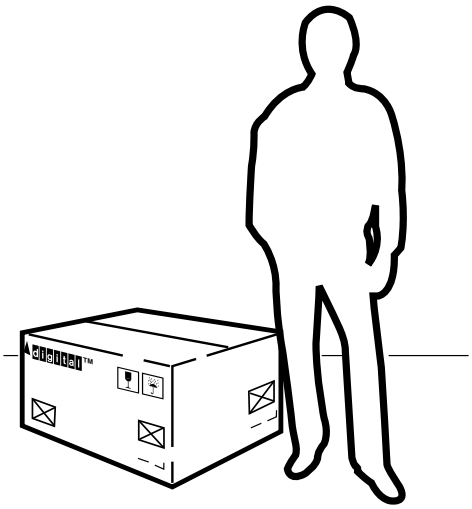
This label shall be used on all shipping containers (that is, unit pack, master pack, or bulk shipping container) and is referred to as the Material Transaction Identifier (MTI) Shipping-Receiving (Ship-Rec) label. Refer to *DEC STD 047-2 Bar Code: Shipping and Receiving Transaction Label Standard* for label content, format, and usage requirements.

a. If the MTI label includes ship-to information, placement shall be in the Ship To label location according to *DEC STD 178-08 General Shipping Documentation and Container Labeling Requirements for Finished Goods Intended to be Shipped to Customers.*

b. If the MTI label does not include ship-to information, placement shall be above the product identification bar code label on the same panel as the Ship To label, if there is sufficient space. See Figures 1 and 2 for MTI Label condition B.

If there are any questions or if more information is needed, contact the Standard owner.

Figure 1: Example of Locations for Preprinted or Label Information



Notes:
Dimensions Shown Millimeters
[Inches]
Refer to DEC STD 178-8 for label placement.

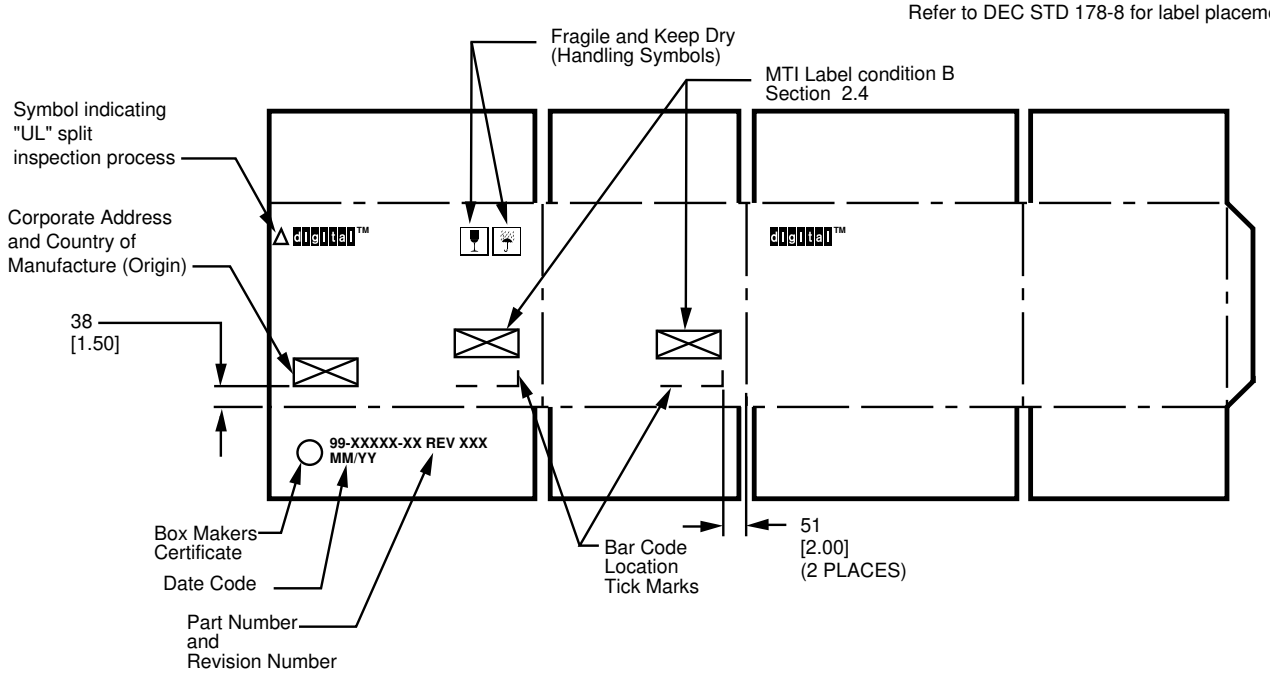
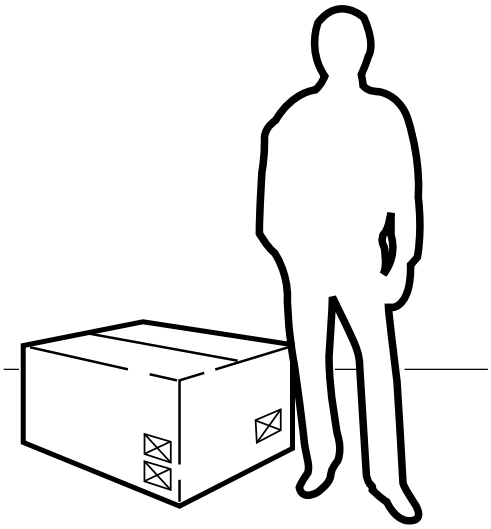
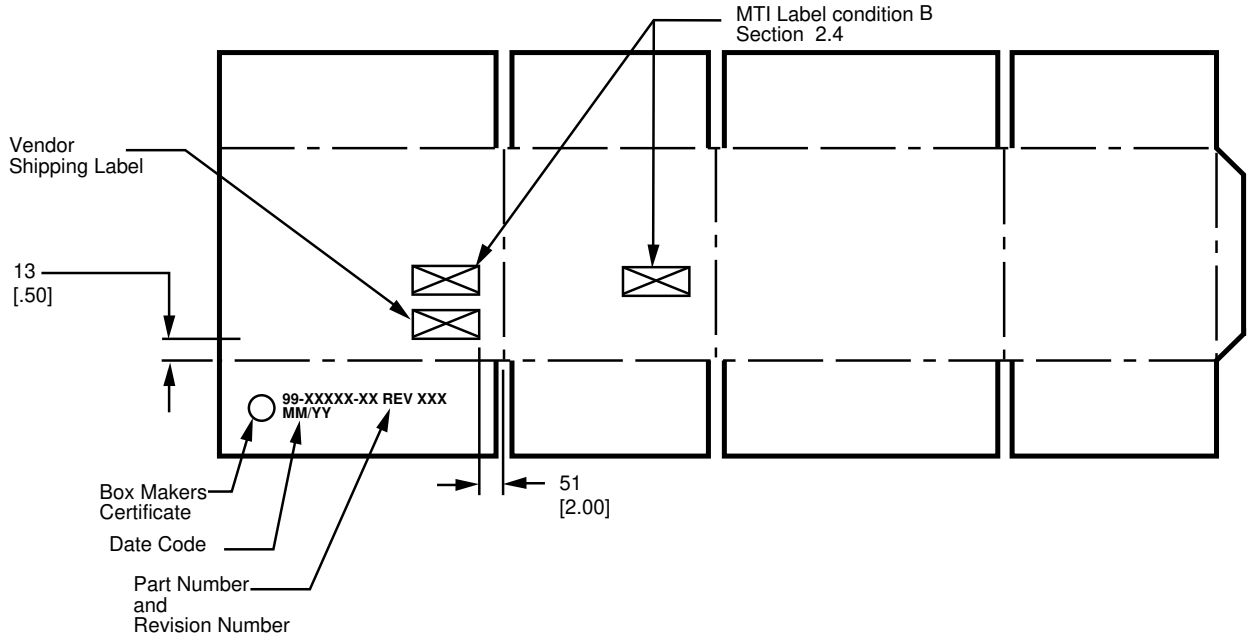


Figure 2: Bulk Shipment Label Placement



Notes:
Dimensions Shown Millimeters
[Inches]



APPENDIX A REFERENCED DOCUMENTS

A.1 EL-Class Digital Documents

EL-Class Number	Document Title
EL-00028-00	*DEC STD 028-0 Phase Review Policy*
EL-00047-00	*DEC STD 047-0 Bar Code Symbology*
EL-00047-01	*DEC STD 047-1 Bar Code: Product ID Label Standard*
EL-00047-02	*DEC STD 047-2 Bar Code: Shipping and Receiving Transaction Label Standard*
EL-00119-05	*DEC STD 119-5 Process for Design, Evaluation, Testing, and Certification of Hardware Products to Product Safety Requirements*
EL-00178-03	*DEC STD 178-3 Digital Marking Requirements for Completed Products Intended to be Sold*
EL-00178-04	*DEC STD 178-4 Shipping Container Marking Requirements for Finished Goods*
EL-00178-08	*DEC STD 178-8 General Shipping Documentation and Container Labeling Requirements for Finished Goods Intended to be Shipped to Customers*

Use VTX SMC to order copies of EL-class documents from Standards and Methods Control. Send distribution questions to JOKUR::SMC or call DTN: 234-4423.

A.2 Other Digital Documents

Document Number	Document Title
A-PS-3628402-0-0	*Label, Vendor Shipping*
A-PS-3629155-0-0	*Label, UL Split Inspection*

A.3 Ordering Information

Following are the sources for documents not available from Standards and Methods Control.

- Central Specification Control Systems
  (NRO-5/M2), any Microfilm Reference File, or the SPOC System

APPENDIX B RELATED DOCUMENTS

B.1 EL-Class Digital Documents

EL-Class Number	Document Title
EL-00178-05	*DEC STD 178-5 Marking Symbology*

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